



Gulf of Mexico Harmful Algal Bloom Bulletin

26 October 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin:

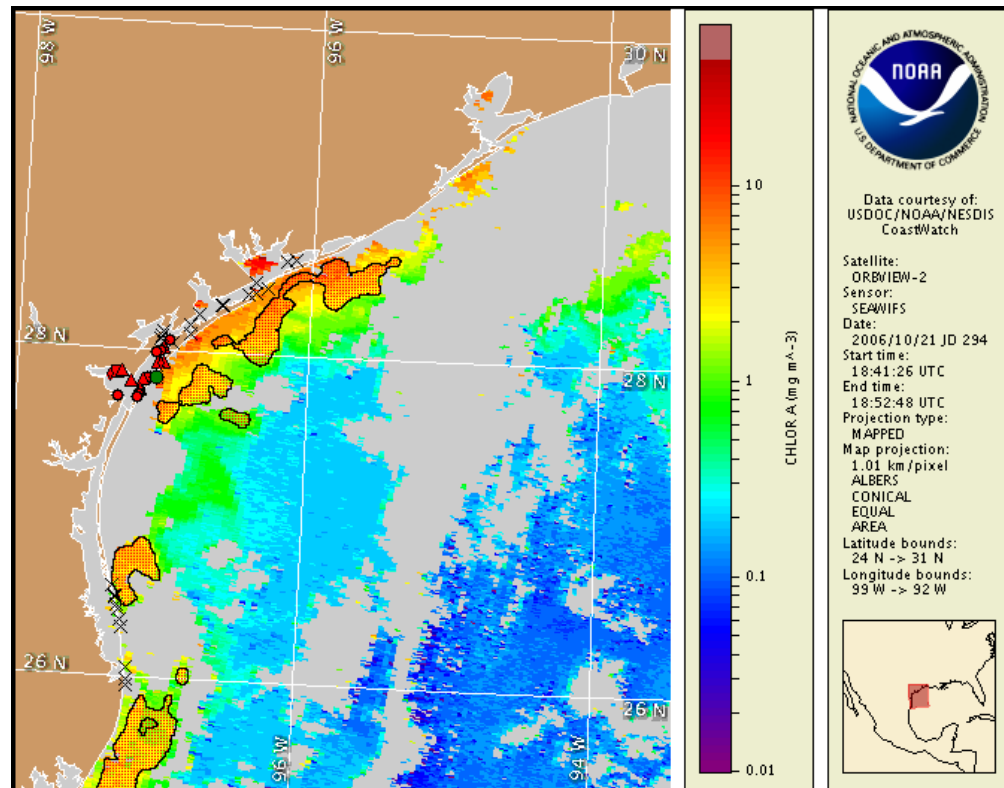
Conditions Report

A harmful algal bloom persists in portions of Nueces County. Impacts are expected to be very low through Sunday.

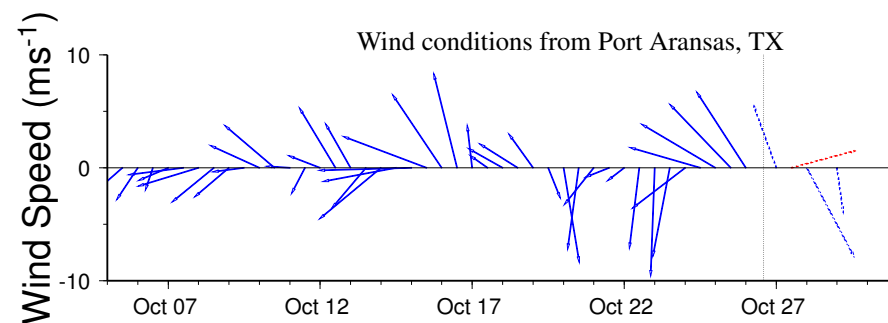
Analysis

As of yesterday, no new reports of respiratory irritation had been received, and there were reports that aerosol effects had decreased since the weekend on Mustang Island. Strong easterly winds since Tuesday would have resulted in respiratory irritation over the last couple of days along the beaches from Matagorda Island to Padre Island if the high chlorophyll features in the imagery from October 21 represented presence of harmful algae. No clear imagery has been available since Saturday, October 21. Cell counts plotted on imagery in Aransas county are over a week old (October 17); no new cell counts from Aransas are available.

-Lopez, Wynne, and Ransi



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from October 16-24 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). Cell count data from Texas Parks and Wildlife and the Department of State Health Services. For a key to the cell concentration descriptions, visit the FWRI web site: <http://research.myfwc.com>

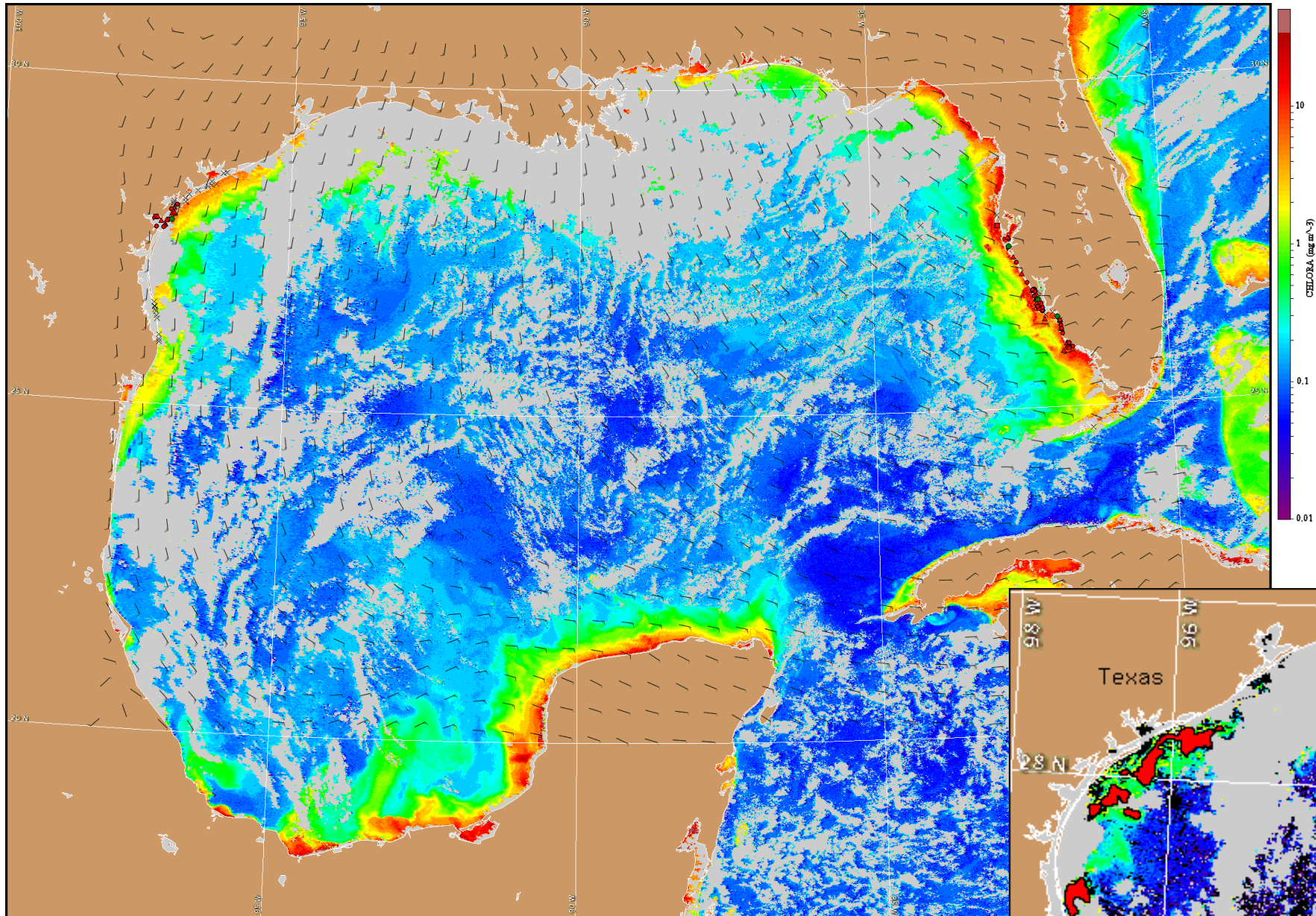


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

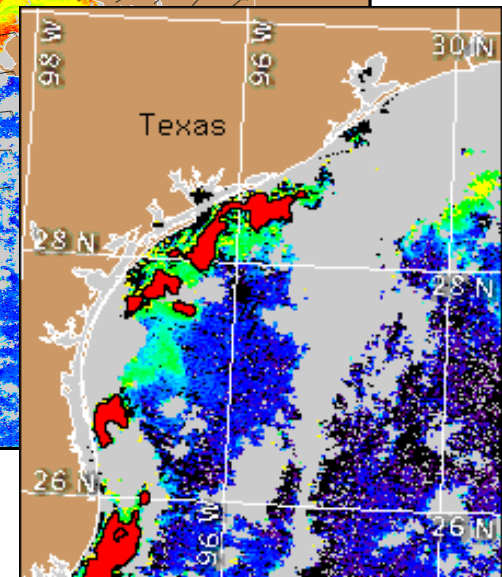
Today, winds will be southerly at 15 to 20 knots (8-10 m/s). Friday, winds will be northwest to north at 20-25 knots (10-13 m/s). North winds will persist through Saturday and decrease to around 5 knots (3 m/s) and become northeast to southeast on Sunday.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for October 27, 2006 06Z with cell concentration sampling data from October 16-24 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). Cell count data from Texas Parks and Wildlife and the Department of State Health Services. For a key to the cell concentration descriptions, visit the FWRI web site: <http://research.myfwc.com>



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).